

FORM PTO-1449 (Modified)

APR 14 2003

ATTY. DOCKET NO.
25491-2403DSERIAL NO.
09/395,409LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENTAPPLICANT
Cantor et al.FILING DATE
September 14, 1999GROUP
1656

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER								DATE	NAME	CLASS	SUB CLASS	FILING DATE
<i>W.A.C.</i>	A	0	0	4	5	1	7	8	04/18/02	Cantor et al.	435	6	06/13/01	
	B	4	9	8	8	6	1	7	01/29/91	Landegron et al.	435	6	03/25/88	
	C	5	4	0	3	7	1	1	04/04/95	Walder et al.	435	6	07/06/93	
	D	5	5	0	8	1	6	9	04/16/96	Deugau et al.	435	6	10/28/94	
	E	5	5	1	0	2	7	0	04/23/96	Fodor et al.	436	518	09/30/92	
	F	5	7	1	0	0	2	8	01/20/98	Eyal et al.	435	91.1	10/04/94	
	G	5	7	7	0	2	7	2	06/23/98	Biemann et al.	427	421	04/28/95	
	H	5	7	9	8	2	1	0	08/25/98	Canard et al.	435	6	11/20/95	
	I	5	8	4	6	7	1	7	12/08/98	Brow et al.	435	6	01/24/96	
	J	5	8	8	8	8	1	9	03/30/99	Goelet et al.	435	5	03/05/91	
	K	5	8	8	8	7	7	8	03/30/99	Shuber	435	91.1	06/16/97	
	L	5	9	2	5	5	2	0	07/20/99	Tully et al.	435	6	02/14/97	
	M	5	9	6	5	3	6	3	10/12/99	Monforte et al.	435	6	12/02/96	
	N	6	0	0	1	5	6	7	12/14/99	Brow et al.	435	6	07/12/96	
	O	6	0	0	4	7	4	4	12/21/99	Goelet et al.	435	5	10/11/91	
	P	6	0	2	5	1	9	3	02/15/00	Weiss	435	320.1	03/14/97	
	Q	6	2	1	4	5	5	1	04/10/01	Sanghvi et al.	435	6	07/27/98	
	R	6	2	2	1	6	0	1	04/24/01	Koster et al.	435	6	11/02/99	
	S	6	2	3	5	4	7	8	05/22/01	Koster	435	6	04/06/99	
	T	6	2	5	8	5	3	8	07/10/01	Koster et al.	435	6	04/06/99	
	U	6	2	6	8	1	4	4	07/31/01	Koster	435	6	09/15/99	
	V	6	2	7	7	5	7	3	08/21/01	Koster	435	6	04/06/99	
	W	6	2	3	2	0	7	6	05/15/01	Schulz	435	6	02/04/00	
	X	6	3	0	0	0	7	6	10/09/01	Koster	435	6	01/31/00	

EXAMINER

Walter A. Chak

DATE CONSIDERED

08/10/2001

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS	Translation Yes	Translation No
AC	Y	0	1	9	6	6	0	7	12/20/01	PCT				
	Z	9	4	2	8	4	1	8	12/08/94	PCT				
	AA	9	6	3	0	5	4	5	10/03/96	PCT				

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>AC</i>	AB	Fitzgerald et al., "Basic Matrices for the Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry of Proteins and Oligonucleotides," <i>Analytical Chemistry</i> <u>65</u> : 3204-3211 (1993)
<i>AC</i>	AC	Palejwala et al., "Quantitative Multiplex Sequence Analysis of Mutational Hot Spots. Frequency and Specificity of Mutations Induced by a Site-Specific Ethenocytosine in M13 Viral DNA," <i>Biochemistry</i> <u>32</u> : 4105-4111 (1993)

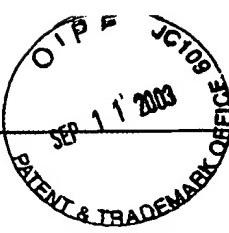
EXAMINER

John S. Clark

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08/10/2004

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FORM PTO-1449  LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT									ATTY. DOCKET NO. 25491-2403D	SERIAL NO. 09/395,409	CONFIRM NO. 6005
									APPLICANT Cantor et al.	CUSTOMER NO. 24961	
									FILING DATE 09/14/99	GROUP 1634	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER								DATE	NAME	CLASS	SUB CLASS	FILING DATE
<i>PLC</i>	A	4	7	7	5	6	1	9	10/16/84	Urdea	435	6	10/04/88	
	B	4	9	3	5	3	5	7	02/05/86	Szybalski	435	91	06/19/90	
	C	5	4	3	6	1	4	3	07/25/95	Hyman	435	91.2	12/23/92	
	D	5	6	2	2	8	2	4	04/22/97	Köster et al.	435	6	02/10/95	
	E	5	6	9	1	1	4	1	11/25/97	Köster	435	6	06/06/95	
	F	6	0	2	2	6	8	8	02/08/00	Jurinke et al.	435	6	05/13/96	
	G	6	2	3	2	0	7	6	05/15/01	Schultz	435	6	02/04/00	
	H	6	2	2	5	0	6	1	05/01/01	Becker et al.	435	6	03/10/99	
	I	6	2	6	8	1	3	1	07/31/01	Kang et al.	435	6	12/15/97	
	J	6	4	8	5	9	1	3	11/26/02	Becker et al.	435	6	10/02/00	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER								DATE	COUNTRY	CLASS	Sub Class	Translation Yes	No
	K	0	0	5	6	4	4	6	09/28/00	PCT					
	L	6	3	5	0	3	0	07	11/02/88	JP					X
	M	8	7	0	4	1	6	5	07/16/87	PCT					
	N	9	3	0	8	3	0	5	04/29/93	PCT					
	O	9	4	1	6	0	9	0	07/21/94	PCT					
	P	9	4	2	1	8	1	1	09/29/94	PCT					
	Q	9	6	1	4	4	0	6	05/17/96	PCT					
	R	9	8	2	0	0	2	0	05/14/98	PCT					
	S	9	9	3	1	2	7	8	06/24/99	PCT					
	T	9	9	1	4	3	6	2	03/25/99	PCT					

X English language equivalent provided

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

Debra A. Club

DATE CONSIDERED

08/10/2004

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FORM PTO-1449 LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 25491-2403D	SERIAL NO. 09/395,409	CONFIRM NO. 6005
	APPLICANT Cantor et al.	CUSTOMER NO. 24961	
	FILING DATE 09/14/99	GROUP 1634	

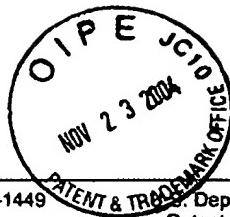
<i>N/C</i>	U	Benner et al., "Identification of Denatured Double-stranded DNA by Matrix-assisted Laser Desorption/Ionization Time-of-Flight Mass Spectrometry", <i>Rapid Commu. Mass Spec.</i> , 9:537-540 (1995)
	V	Benner et al., "DNA Base-Pair Substitutions Detected in Double-Stranded DNA With Matrix-Assisted Laser Desorption/Ionization Time-of-Flight Mass Spectrometry", <i>Eur. Mass Spectrum.</i> , 1: 479-485 (1995)
	W	Brenner, "DNA fingerprinting by sampled sequencing", <i>Proc. Natl. Acad. Sci. USA</i> 86:8902-8906 (1989).
	X	Cantor et al., Sequence-directed DNA manipulation for enhanced mapping and sequencing, <i>Human Genome Program, US Department of Energy, DOE Human Genome Program Contractor-Grantee Workshop IV</i> , (1994)
	Y	Ch'ang et al., "Detection of ΔF508 Mutation of the cystic Fibrosis Gene by Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry", <i>Rapid Comm. in Mass Spectrom.</i> , 9:772-774, (1995)
	Z	Cosstick et al., "Synthesis and Properties of dithymidine phosphate analogues containing 3'-thiothymidine", <i>Nucl. Acid Res.</i> , 18(4):829-835 (1990)
	AA	Derwent Abstract Dialog File No. 351 Acces. No. 7209274 for Japanese patent JP 63603007, published 11/02/88.
	AB	Drmanac et al., Laboratory methods: reliable hybridization of oligonucleotides as short as six nucleotides, <i>DNA & Cell Biology</i> 9(7):527-534 (1990)
	AC	Köster et al., "A strategy for rapid and efficient DNA sequencing by mass spectrometry," <i>Nature Biotechnology</i> 14: 1123-1128 (1996)
	AD	Khrapko et al., "An oligonucleotide hybridization approach to DNA sequencing," <i>FEBS Letters</i> 256(1-2): 118-122 (1989)
	AE	Liu et al., "Use of a Nitrocellulose Film Substrate in Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry for DNA Mapping and Screening", <i>Anal. Chem.</i> , 67:3482-3490, (1995)
	AF	Szybalski, "Universal restriction endonucleases: designing novel cleavage specificities by combining adapter oligodeoxinucleotide and enzyme moieties", <i>Gene</i> , 40:169-173 (1985)
	AG	Tang et al., "Matrix-assisted Laser Desorption/Ionization of Restriction Enzyme-digested DNA", <i>Rapid Comm. Mass Spec.</i> , 8(2):183-186 (1994)
	AH	Wu et al., "Time-of-Flight Mass Spectrometry of Underivatized Single-Stranded DNA Oligomers by Matrix-Assisted Laser Desorption", <i>Anal. Chem.</i> , 66:1637-1645 (1994)

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Sheet 1 of 1

Substitute Form PTO-1449 (Modified) Department of Commerce Patent and Trademark Office				Attorney's Docket No. 17120-006004 /2403D	Application No. 09/395,409		
List of Patents and Publications for Applicant's Information Disclosure Statement (37 CFR §1.98(b))				Applicant C. Cantor et al.			
				Filing Date September 14, 1999	Group Art Unit 1634		
U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
<i>mc</i>	AA	4,818,680	04/04/89	Collins et al.	435	6	12/18/85

Foreign Patent Documents or Published Foreign Patent Applications							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation
							Yes
<i>hal</i>	AB	0 330 185	08/30/89	EP A1			
	AC	0 408 918	11/18/93	EP			
	AD	03-103199	01/23/91	JP A			X+
	AE	02-92300	04/03/90	JP A			X+
	AF						
	AG						

Other Documents (include Author, Title, Date, and Place of Publication)							
Examiner Initial	Desig. ID	Document					
	AH						
	AI						

Examiner Signature <i>Julie S. Clark</i>	Date Considered <i>08/10/2004</i>
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